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PTO/SB/05 (12/97)

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JC512 U.S. PTO

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 074451.P041X1D

Total Pages 2

First Named Inventor or Application Identifier Alexander F. Keith

Express Mail Label No. EL164804839US

jc511 U.S. PRO  
01/23/99  
01/25/99

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification (Total Pages 121)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3.  Drawings(s) (35 USC 113) (Total Sheets 41)
4.  Oath or Declaration (Total Pages 4)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed) (Note Box 5 below)
  - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program (Appendix)
7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. \_\_\_\_\_ Assignment Papers (cover sheet & documents(s))  
9. \_\_\_\_\_ a. 37 CFR 3.73(b) Statement (where there is an assignee)  
\_\_\_\_\_ b. Power of Attorney  
10. \_\_\_\_\_ English Translation Document (if applicable)  
11. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449  
\_\_\_\_\_ b. Copies of IDS Citations  
12. XX Preliminary Amendment  
13. XX Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
14. \_\_\_\_\_ a. Small Entity Statement(s)  
\_\_\_\_\_ b. Statement filed in prior application, Status still proper and desired  
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. \_\_\_\_\_ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation      XX Divisional       Continuation-in-part (CIP)  
of prior application No: 08/642,518

18. **Correspondence Address**

Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar Code Label here)

or

Correspondence Address Below

NAME Michael J. Mallie, Esq., Reg. No. 36,591

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JC511 U.S. PTO  
09/236753  
01/25/99**FEET TRANSMITTAL****TOTAL AMOUNT OF PAYMENT (\$)** 760.00**Complete if Known:**

Application No. New Divisional Patent Application  
 Filing Date Herewith  
 First Named Inventor Alexander E. Keith  
 Group Art Unit 2721  
 Examiner Name P. Tran  
 Attorney Docket No. 074451.P041X1D

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number \_\_\_\_\_  
 Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2.  Payment Enclosed  
 Check  
 Money Order  
 Other

**FEE CALCULATION (fees effective 10/01/97)****1. FILING FEE****Large Entity      Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
101	760	201	380	Utility application filing fee	<u>760.00</u>
106	310	206	155	Design application filing fee	_____
107	480	207	240	Plant filing fee	_____
108	760	208	380	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

**SUBTOTAL (1) \$ 760.00****2. CLAIMS**

Total Claims	-	20	=	0	X	Fee from below	<u>Fee Paid</u>
17	-	20	=	0	X	18.00	<u>0.00</u>
Independent Claims	1	-	3	=	0	X	<u>0.00</u>
Multiple Dependent Claims					X		

**Large Entity      Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>	<u>Fee Paid</u>
103	18	203	9	Claims in excess of twenty	<u>0.00</u>
102	78	202	39	Independent claims in excess of 3	<u>0.00</u>
104	260	204	130	Multiple dependent claim	_____
109	78	209	39	Reissue independent claims over original patent	_____
110	18	210	9	Reissue claims in excess of 20 and over original patent	_____

**SUBTOTAL (2) \$ 0.00**

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

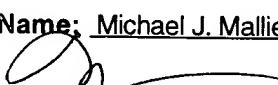
<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Description	
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2,520	For filing a request for reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	Requesting publication of SIR after Examiner action	
115	110	Extension for response within first month	
116	380	Extension for response within second month	
117	870	Extension for response within third month	
118	1,360	Extension for response within fourth month	
128	1,850	Extension for response within fifth month	
119	300	Notice of Appeal	
120	300	Filing a brief in support of an appeal	
121	260	Request for oral hearing	
138	1,510	Petition to institute a public use proceeding	
140	110	Petition to revive unavoidably abandoned application	
141	1,210	Petition to revive unintentionally abandoned application	
142	1,210	Utility issue fee (or reissue)	
143	430	Design issue fee	
144	580	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	240	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	760	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	760	For each additional invention to be examined (see 37 CFR 1.129(a))	
Other fee (specify)			
Other fee (specify)			

SUBTOTAL (3)\$ 0.00

\*Reduced by Basic Filing Fee Paid

#### SUBMITTED BY:

Typed or Printed Name: Michael J. Mallie

Signature 

Date 1/27/99

Reg. Number 36,591

Deposit Account User ID 02-2666

(complete if applicable)

"Express Mail" mailing label number:EL164804839US

Date of Deposit: January 25, 1999

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Gloria R. Chavarria

(Typed or printed name of person mailing paper or fee)

Gloria R. Chavarria

(Signature of person mailing paper or fee)

January 25, 1999  
Gloria R. Chavarria

(Date signed)